

Solvay TECHNYLSTAR[®],ç SX 216 L2 V60 PA6, 60% glass filled, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 60% Glass Fiber Filled

Material Notes:

Description: TECHNYLSTAR polyamide reinforced with 60% of glass fiber, UV stabilized and characterized by a high fluidity of the melt, for injection molding. Available in: Europe and North America Product Applications: TECHNYLSTAR TM SX 216 L2 V60 is suitable for all applications where a high rigidity is required. Due to its outstanding flow properties, the material easily fills the mould and the surface aspect of the finished part is excellent. Due to its high UV protection, this material can be used for paintless parts in automotive interior applications. This product is available in natural. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYLSTAR-SX-216-L2-V60-PA6-60-glass-filled-DRY.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	220 MPa	31900 psi	ISO 527 Type 1A
Elongation at Break	2.5 %	2.5 %	ISO 527 Type 1A
Tensile Modulus	18.7 GPa	2710 ksi	ISO 527 Type 1A
Izod Impact, Notched (ISO)	19.6 kJ/m ²	9.33 ft-lb/in ²	ISO 180/1eA
Izod Impact, Unnotched (ISO)	81.1 kJ/m ²	38.6 ft-lb/in ²	ISO 180/1eU
Charpy Impact Unnotched	8.26 J/cm ²	39.3 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	1.49 J/cm ²	7.09 ft-lb/in ²	ISO 179/1eA

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.15 %	<= 0.15 %	

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